

**DECLARATION AND POWER OF ATTORNEY**

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As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled:

**METHODS AND SYSTEMS FOR REGISTERING BINARY DATA**

The specification of which is filed herewith.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37 C.F.R. § 1.56, and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 C.F.R. § 1.98.

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) for patent listed below:

<b>Provisional Application Number</b>	<b>Filing Date</b>
60/279,570	MARCH 28, 2001

I hereby claim the benefit of foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent:

<b>Prior Foreign Application(s) Number</b>	<b>Country</b>	<b>Date</b>
00117723.7	EUROPE	AUGUST 17, 2000

I hereby claim the benefit, under Title 35, United States Code, Section 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose

information that occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

U.S. APPLICATION	U.S. FILING DATE	Patented	Pending	Abandoned
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### POWER OF ATTORNEY

I hereby appoint the following practitioner(s), with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

Terrence M. Brennan, Reg. No. 42,360, Thomas J. Burton, Reg. No. 47,464, Matthew M. Catlett, Reg. No. 44,067, Jeffrey F. Craft, Reg. No. 30,044, Brian J. Gill, Reg. No. 46,727, John F. Griffith, Reg. No. 44,137, Gregory B. Gulliver, Reg. No. 44,138, Kevin W. Guynn, Reg. No. 29,927, Jennifer H. Hammond, Reg. No. 41,814, Marc E. Hankin, 38,908, Michael L. Kiklis, Reg. No. 38,939, Eric N. Kohli, Reg. No. 43,726, Lana M. Knedlik, Reg. No. 42,748, Mark H. Krietzman, Reg. No. 41,128, Brian R. McGinley, Reg. No. 47,782, David R. Metzger, 32,919, Michael A. Molano, Reg. No. 39,777, John F. Nethery, Reg. No. 42,928, Christopher P. Rauch, Reg. No. 45,034, Francisco A. Rubio-Campos, Reg. No. 45,358, Marina N. Saito, Reg. No. 42,121, Alison P. Schwartz, Reg. No. 43,863, Jordan A. Sigale, Reg. No. 39,028, Vincent P. Tassinari, Reg. No. 42,179, all of SONNENSCHN, NATH & ROSENTHAL, P. O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, Illinois 60606-1080, and

Kenneth Olsen, Reg. No. 26,493, Timothy J. Crean, Reg. No. 37,116, Joseph T. FitzGerald, Reg. No. 33,881, Alexander E. Silverman, Reg. No. 37,940, Anirma R. Gupta, Reg. No. 38,275, Sean P. Lewis, Reg. No. 42,798, Michael L. Schallop, Reg. No. 44,319, Bernice B. Chen, Reg. No. 42,403, Noreen A. Krall, Reg. No. 39,734, Richard J. Lutton, Reg. No. 39,756, Monica D. Ward, Reg. No. 40,696, Marc D. Foodman, Reg. No. 34,110, Naren Chaganti, Reg. No. 44,602, Elaine K. Lee, Reg. No. 41,936, Hugh H. Matsubayashi, Reg. No. 43,779, Paul D. Sorkin, Reg. No. 39,039, Marilyn E. Glaubensklée, Reg. No. 35,521, Ramin Aghevli, Reg. No. 43,462, Andrew C. Chen, Reg. No. 43,544 all of SUN MICROSYSTEMS, INC., 901 San Antonio Road, Palo Alto, California 94303.

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SEND CORRESPONDENCE AND DIRECT TELEPHONE CALLS TO:

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Customer Number 26263

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor: Kai Ahrens  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: Germany  
Residence: Padenstedt, Germany  
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Inventor: Sven Jacobi  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: Germany  
Residence: Eddelak, Germany  
Post Office Address: Theeberg 6, 25715 Eddelak, Germany

ASSIGNMENT

**WHEREAS, Khai Ahrens**, a citizen of Germany, residing at Zum Barnahe 26, 24634 Padenstedt, Germany, and **Sven Jacobi**, a citizen of Germany, residing at Theeberg 6, 25715 Eddelak, Germany, referred to as ASSIGNORS, have invented a certain invention entitled: "METHODS AND SYSTEMS FOR REGISTERING BINARY DATA", for which a U.S. Patent Application is filed herewith.

**WHEREAS**, Sun Microsystems, Inc., a corporation organized and existing under the laws of the State of Delaware, having a principal place of business at 901 San Antonio Road, Palo Alto, California 94303, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

**NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:**

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said applications or any non-provisional, continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNORS also assign all of their right, title and interest in and to said invention in all foreign countries, and all applications for Letters Patent which may evolve therefrom, including the right to claim International Convention priority.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said applications, said invention and said Letters Patent as may be known and accessible to ASSIGNORS, and ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for obtain, maintain and enforce said applications, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Date: \_\_\_\_\_

\_\_\_\_\_  
Kai Ahrens

Date: \_\_\_\_\_

\_\_\_\_\_  
Sven Jacobi